Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 08 Oct 2023 until 23:59 on Monday 09 Oct 2023

Forecast Issued on Sunday 08 Oct 2023 at 03:04

Confidence: High confidence for conditions to improve on Sunday, but lower confidence for timing and clearance of rain midweek.

Headline for Sunday 08 Oct 2023: A cloudy start, but staying dry with bright or hazy sunny spells developing today. Fresh winds on the summit.

Mountain weather hazards on Sunday 08 Oct 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Sunny intervals	Sunny intervals	Cloudy	Cloudy
Precipitation probability					
20%	10%	<05%	10%	10%	10%

Forecast for Sunday 08 Oct 2023

Weather: A rather cloudy and murky start to the day, with perhaps some patchy drizzle at times. Becoming dry with bright or hazy sunny spells developing from midday. Cloud increasing over western upslopes after dark, with some drizzle at times.

Chance of cloud-free hill tops above 600m: 40% at first and later in the day, but generally 90% during the afternoon.

Low cloud and visibility: Poor visibility in low cloud and drizzle at first, improving to become good or very good during the afternoon. Cloud bases down to 400-500m at first, lifting above the summits by midday. Cloud bases lowering to around 500m after dark, with poor visibility.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Sunday 08 Oct 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/20 SE	16/19 S	16/21 SW	15/20 SW	16/20 SW	14/20 SW	15/21 SW
300	6/13 SE	10/15 SE	10/14 SW	9/12 SW	8/11 SW	6/9 SW	7/11 SW
Valley	6/13 E	5/11 SE	6/12 SW	5/11 SW	3/9 SW	2/7 W	3/9 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/12	16/13	15/12	15/12	16/13	16/13	16/13
300	14/13	16/14	18/16	18/17	17/16	16/15	16/15
Valley	14/13	16/16	18/18	19/18	17/17	15/15	14/14
Freezing Level*	3100m	2800m	2900m	3500m	3500m	3400m	3300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing to add.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 08 Oct 2023	0mm	0mm	0mm

Forecast for Monday 09 Oct 2023

Weather: A rather cloudy start, with some patchy drizzle at times. Otherwise, largely dry with bright or hazy spells of sunshine developing in the afternoon. Low cloud reforming after dark, with some patchy drizzle on the summit.

Maximum wind: West or Southwest 15-20 mph easing late.

Chance of cloud-free hill tops above 600m: 30% becoming 60% later

Low cloud and visibility: Visibility will be poor at first in low cloud and drizzle, with cloud bases down to around 500m, lifting above the summits by midday. Visibility improving to good or very good by the afternoon. Cloud bases lowering to around 500m after dark, with poor visibility.

Temperature: **Valleys:** Plus 10 Celsius increasing 19 Celsius for the afternoon
At 600m: Plus 12-14 Celsius
Freezing level: Above all summits

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